PORTAL
US Patent & Trademark Office

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: ● The ACM Digital Library ● The Guide

multimedia file streaming server SEARCH

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used **multimedia file streaming server** Found **29,221** of **151,219**

Sort results by: relevance
Display results: expanded form

Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next
Best 200 shown Relevance scale

1 A multimedia client to the IBM LAN server
Mark Baugher, Steven French, Alan Stephens, Isabel Van Horn
September 1993 **Proceedings of the first ACM international conference on Multimedia**
Full text available: pdf(171.28 KB) ps(243.48 KB) Additional Information: full citation, references, index terms

2 Technical session 7: multimedia systems: Implementation and evaluation of EXT3NS multimedia file system
Baik-Song Ahn, Sung-Hoon Sohn, Chei-Yol Kim, Gyu-Il Cha, Yun-Cheol Baek, Sung-In Jung, Myung-Joon Kim
October 2004 **Proceedings of the 12th annual ACM international conference on Multimedia**
Full text available: pdf(524.49 KB) Additional Information: full citation, abstract, references, index terms

The EXT3NS is a scalable file system designed to handle video streaming workload in large-scale on-demand streaming services. It is based on a special H/W device, called Network-Storage card (NS card), which aims at accelerating streaming operation by shortening the data path from storage device to network interface. The design objective of EXT3NS is to minimize the delay and the delay variance of I/O request in the sequential workload on NS card. Metadata structure, file organization, metada ...

Keywords: file system, multimedia, streaming, video server

3 Video Storage: Bandwidth allocation in a self-managing multimedia file server
Vijay Sundaram, Prashant Shenoy
October 2001 **Proceedings of the ninth ACM international conference on Multimedia**
Full text available: pdf(299.16 KB) Additional Information: full citation, abstract, references, index terms

In this paper, we argue that manageability of file servers is just as important, if not more, as performance. We focus on the design of a self-managing file server and address the specific problem of automating bandwidth allocation to application classes in single-disk and multi-disk servers. The bandwidth allocation techniques that we propose consists of two key components: a workload monitoring module that efficiently monitors the load in each application class and a bandwidth manager that use ...

4 Mobility and Wireless Access: Mobile streaming media CDN enabled by dynamic SMIL
Takeshi Yoshimura, Yoshifumi Yonemoto, Tomoyuki Ohya, Minoru Etoh, Susie Wee

May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available: pdf(623.98 KB) Additional Information: full citation, abstract, references, index terms

In this paper, we present a mobile streaming media CDN (Content Delivery Network) architecture in which content segmentation, request routing, pre-fetch scheduling, and session handoff are controlled by SMIL (Synchronized Multimedia Integrated Language) modification. In this architecture, mobile clients simply follow modified SMIL files downloaded from a streaming portal server; these modifications enable multimedia content to be delivered to the mobile clients from the best surrogates in the CD ...

Keywords: CDN, SMIL, mobile network, streaming media

5 Adventures in building the Stony Brook video server

Michael Vernick, Chitra Venkatramani, Tzi-cker Chiueh

February 1997 **Proceedings of the fourth ACM international conference on Multimedia**

Full text available: pdf(1.17 MB) Additional Information: full citation, references, citings, index terms

Keywords: experimental systems, multimedia storage servers, video servers

6 Video Storage: System support for providing integrated services from networked multimedia storage servers

Ravi Wijayaratne, A. L. Narasimha Reddy

October 2001 **Proceedings of the ninth ACM international conference on Multimedia**

Full text available: pdf(227.49 KB) Additional Information: full citation, abstract, references, index terms

In this paper, we describe our experience in building an integrated multimedia storage system, Prism. Our current Linux-based implementation of Prism provides three levels of service: deadline guarantees for *periodic* applications, best-effort better response times for *interactive* applications and starvation-free throughput guarantees for *aperiodic* applications. Prism separates resource allocation from resource scheduling. Resource allocation is controlled across the service ...

Keywords: admission control, disk, file systems, multimedia, scheduling

7 Multimedia streaming and services: Comprehensive statistical admission control for streaming media servers

Roger Zimmermann, Kun Fu

November 2003 **Proceedings of the eleventh ACM international conference on Multimedia**

Full text available: pdf(1.93 MB) Additional Information: full citation, abstract, references, index terms

Streaming media servers and digital continuous media recorders require the scheduling of I/O requests to disk drives in real time. There are two accepted paradigms to achieve this: deterministic or statistical. The deterministic approach must assume larger bounds on such disk parameters as the seek time, the rotational latency and the transfer rate, to guarantee the timely service of I/O requests. The statistical approach generally allows higher utilization of resources, in exchange for a residu ...

Keywords: admission control, disk performance, statistical modeling, streaming media

8 Handling sporadic tasks in multimedia file system

Youjip Won, Y. S. Ryu

October 2000 **Proceedings of the eighth ACM international conference on Multimedia**

Full text available: pdf(263.04 KB) Additional Information: full citation, abstract, references, citings, index terms

Handling mixed workload in streaming server becomes important issue as integrated file system gets momentum as the choice for next generation file system. In this article, we present novel approach of handling sporadically arriving non-playback related disk request while minimizing its interference with the timely retrieval of data blocks for ongoing playbacks. The main idea of our approach is to extend the length of *period* in period based disk scheduling in multi-media streaming and s ...

Keywords: disk scheduling, mixed workload, multimedia, streaming

9 Multimedia and visualization (MV): Providing resource allocation and performance isolation in a shared streaming-media hosting service

Ludmila Cherkasova, Wenting Tang

March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**

Full text available: pdf(474.19 KB) Additional Information: full citation, abstract, references, index terms

The trend toward media content hosting is seeing a significant growth as more rich media is used in the enterprise environment and as it becomes mission critical for businesses. A shared media hosting service supports the illusion that each hosted service has its own media server, when, in reality, multiple "logical hosts" may share one physical host. For such a shared media hosting service, the ability to guarantee a specified share of server resources to a particular hosted service is very imp ...

Keywords: QoS guarantees, SLAs, admission control, benchmarking, measurement, media server capacity, performance isolation, shared media hosting, simulation

10 Streaming 2: Server-based smoothing of variable bit-rate streams

Stergios V. Anastasiadis, Kenneth C. Sevcik, Michael Stumm

October 2001 **Proceedings of the ninth ACM international conference on Multimedia**

Full text available: pdf(851.29 KB) Additional Information: full citation, abstract, references, citings, index terms

We introduce an algorithm that uses buffer space available at the server for smoothing disk transfers of variable bit-rate streams. Previous smoothing techniques prefetched stream data into the client buffer space, instead. However, emergence of personal computing devices with widely different hardware configurations means that we should not always assume abundance of resources at the client side. The new algorithm is shown to have optimal smoothing effect under the specified constraints. We inc ...

11 Poster session and reception: Measuring the capacity of a streaming media server in a Utility Data Center environment

Ludmila Cherkasova, Loren Staley

December 2002 **Proceedings of the tenth ACM international conference on Multimedia**

Full text available: pdf(117.78 KB) Additional Information: full citation, abstract, references, citings, index terms

Abstract In order to design a "utility-aware" streaming media service which automatically requests the necessary resources from Utility Data Center infrastructure, several classic performance questions should be answered: how to measure the basic capacity of a streaming media server? what is the set of basic benchmarks exposing the performance limits and main bottlenecks of a media server? In this paper, we propose a set of benchmarks for measuring the basic capacities of streaming media systems ...

Keywords: Utility Data Centers, enterprise media servers, measurements, media server

capacity, media system benchmarks

12 Posters and Short Papers: Experiences with MPEG-4 multimedia streaming
Hassan Shojania, Baochun Li
October 2001 **Proceedings of the ninth ACM international conference on Multimedia**

Full text available: pdf(565.00 KB) Additional Information: full citation, abstract, references, index terms

With the advent of next-generation multimedia technologies such as very-low bit rate MPEG-4 codec, multimedia streaming of high-quality video and audio has become a near-term reality. The high compression ratio and error resilience offered by the MPEG-4 standard promise near-term popularity for rich contents and exceptional quality to consumers over affordable Internet connections, such as xDSL, cable modem and 3G wireless networks. Audio and video streaming applications are at the center of suc ...

13 An evaluation of VBR disk admission algorithms for continuous media file servers
Dwight Makaroff, Gerald Neufeld, Norman Hutchinson
November 1997 **Proceedings of the fifth ACM international conference on Multimedia**

Full text available: pdf(2.49 MB) Additional Information: full citation, references, citings, index terms

Keywords: admission control, filer servers, multimedia, variable bit rate

14 News on-demand for multimedia networks
Gene Miller, Greg Baber, Mark Gilliland
September 1993 **Proceedings of the first ACM international conference on Multimedia**

Full text available: pdf(106.03 KB) ps(1.21 MB) Additional Information: full citation, references, citings, index terms

Keywords: authoring, database, digital video, information service, messaging, networked multimedia, news, retrieval, wideband

15 On the impact of policing and rate guarantees in DiffServ networks: a video streaming application perspective
Wael Ashmawi, Roch Guerin, Stephen Wolf, Margaret Pinson
August 2001 **ACM SIGCOMM Computer Communication Review , Proceedings of the 2001 conference on Applications, technologies, architectures, and protocols for computer communications**, Volume 31 Issue 4

Full text available: pdf(481.38 KB) Additional Information: full citation, references, citings, index terms

16 Issues in multimedia server design
Prashant J. Shenoy, Pawan Goyal, Harrick M. Vin
December 1995 **ACM Computing Surveys (CSUR)**, Volume 27 Issue 4

Full text available: pdf(351.57 KB) Additional Information: full citation, references, citings, index terms

17 Experimental evaluation of PFS continuous media file system
Wonjun Lee, Difu Su, Duminda Wijesekera, Jaideep Srivastava, Deepak Kenchammana-Hosekote, Mark Foresti
January 1997 **Proceedings of the sixth international conference on Information and**

knowledge management
Full text available: pdf(1.14 MB) Additional Information: full citation, references, citings, index terms

18 Quality of service evaluations of multicast streaming protocols
Haonan Tan, Derek L. Eager, Mary K. Vernon, Hongfei Guo
June 2002 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 2002 ACM SIGMETRICS international conference on Measurement and modeling of computer systems**, Volume 30 Issue 1
Full text available: pdf(210.83 KB) Additional Information: full citation, abstract, references, citings

Recently proposed scalable on-demand streaming protocols have previously been evaluated using a system cost measure termed the "required server bandwidth". For the scalable protocols that provide immediate service to each client when the server is not overloaded, this paper develops simple analytic models to evaluate two client-oriented quality of service metrics, namely (1) the mean client waiting time in systems where clients are willing to wait if a (well-provisioned) server is temporarily ov ...

19 VARIATIONS: a digital music library system at Indiana University
Jon W. Dunn, Constance A. Mayer
August 1999 **Proceedings of the fourth ACM conference on Digital libraries**
Full text available: pdf(122.41 KB) Additional Information: full citation, references, citings, index terms

Keywords: digital audio, digital libraries, music libraries

20 Video Storage: Periodic broadcast and patching services: implementation, measurement, and analysis in an internet streaming video testbed
Michael K. Bradshaw, Bing Wang, Lixin Gao, Jim Kurose, Prashant Shenoy, Don Towsley, Subhabrata Sen
October 2001 **Proceedings of the ninth ACM international conference on Multimedia**
Full text available: pdf(797.96 KB) Additional Information: full citation, abstract, references, citings, index terms

Multimedia streaming applications can consume a significant amount of server and network resources. Periodic broadcast and patching are two approaches that use multicast transmission and client buffering in innovative ways to reduce server and network load, while at the same time allowing asynchronous access to multimedia steams by a large number of clients. Current research in this area has focussed primarily on the algorithmic aspects of these approaches, with evaluation performed via analysis ...

Keywords: patching, periodic broadcast, server

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.
Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore RELEASE 1.8

Welcome
United States Patent and Trademark Office

IEEE Xplo
1 Million Doc
1 Million User

» Search Res

Help FAQ Terms IEEE Peer Review Quick Links

Welcome to IEEE Xplore
- Home
- What Can I Access?
- Log-out

Tables of Contents
- Journals & Magazines
- Conference Proceedings
- Standards

Search
- By Author
- Basic
- Advanced
- CrossRef

Member Services
- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise
- Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **513** of **1138071** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or entering a new one in the text box.

multimedia <and>streaming <and>server Search

■ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 **Effective delivery of virtual class on parallel media stream server**
Seogyun Kim; Jiseung Nam; Soon-ja Yeom;
Computers in Education, 2002. Proceedings. International Conference on , 3-6 Dec. 2002
Pages:134 - 135 vol.1

[Abstract] [PDF Full-Text (195 KB)] **IEEE CNF**

2 **Server side "compresslets" for Internet multimedia streams**
Bonisch, H.; Froitzheim, K.;
Multimedia Computing and Systems, 1999. IEEE International Conference on , Volume: 2 , 7-11 June 1999
Pages:82 - 86 vol.2

[Abstract] [PDF Full-Text (492 KB)] **IEEE CNF**

3 **Comparing multimedia storage architectures**
Gennart, B.A.; Hersch, R.D.;
Multimedia Computing and Systems, 1995., Proceedings of the International Conference on , 15-18 May 1995
Pages:323 - 328

[Abstract] [PDF Full-Text (704 KB)] **IEEE CNF**

4 **OS/2 LAN Server Ultimedia performance on the Token-Ring**
Baugher, M.; Humphrey, V.L.;
Multimedia Computing and Systems, 1994., Proceedings of the International Conference on , 15-19 May 1994
Pages:275 - 284

[Abstract] [PDF Full-Text (808 KB)] **IEEE CNF**

5 **Link bandwidth detection for multimedia streaming in a distributed**

server environment
Liu Yin; Liu Wenyin; Wei-Jia Jia; Jiang Changjun;
Information, Communications and Signal Processing, 2003 and the Fourth Pacific Rim Conference on Multimedia. Proceedings of the 2003 Joint Conference of the Fourth International Conference on , Volume: 1 , 15-18 Dec. 2003
Pages:438 - 442 Vol.1

[Abstract] [PDF Full-Text (433 KB)] IEEE CNF

6 **QoS adaptive MPEG-2 streaming based on scalable media object framework**
Sung-Ho Ahn; Min-Gyu Kang; Doo-Hyun Kim; Hyung-Chul Kim;
Information Networking, 2001. Proceedings. 15th International Conference on , 31 Jan.-2 Feb. 2001
Pages:683 - 688

[Abstract] [PDF Full-Text (484 KB)] IEEE CNF

7 **Optimal chaining and implementation for large scale multimedia streaming**
Te-Chou Su; Shih-Yu Huang; Chen-Lung Chan; Jia-Shung Wang;
Multimedia and Expo, 2002. ICME '02. Proceedings. 2002 IEEE International Conference on , Volume: 1 , 26-29 Aug. 2002
Pages:385 - 388 vol.1

[Abstract] [PDF Full-Text (393 KB)] IEEE CNF

8 **Multimedia performance behavior of the GigaView parallel image server**
Gennart, B.A.; Hersch, R.D.;
Mass Storage Systems, 1994. 'Towards Distributed Storage and Data Management Systems.' First International Symposium. Proceedings., Thirteenth IEEE Symposium on , 12-16 June 1994
Pages:90 - 98

[Abstract] [PDF Full-Text (644 KB)] IEEE CNF

9 **Architecture of a modular streaming media server for content delivery networks**
Roy, S.; Ankcorn, J.; Wee, S.;
Multimedia and Expo, 2003. ICME '03. Proceedings. 2003 International Conference on , Volume: 3 , 6-9 July 2003
Pages:III - 569-72 vol.3

[Abstract] [PDF Full-Text (346 KB)] IEEE CNF

10 **Dynamic window-constrained scheduling of real-time streams in media servers**
West, R.; Zhang, Y.; Schwan, K.; Poellabauer, C.;
Computers, IEEE Transactions on , Volume: 53 , Issue: 6 , June 2004
Pages:744 - 759

[Abstract] [PDF Full-Text (1112 KB)] IEEE JNL

11 **Double feedback streaming agent for real-time delivery of media over 3G wireless networks**
Gene Cheung; Wai-Tian Tan; Yoshimura, T.;

Multimedia, IEEE Transactions on , Volume: 6 , Issue: 2 , April 2004
Pages:304 - 314

[Abstract] [PDF Full-Text (672 KB)] IEEE JNL

12 **On routing Web and multimedia traffic in mobile ad hoc networks**
Dyer, T.D.; Boppana, R.V.;
System Sciences, 2003. Proceedings of the 36th Annual Hawaii International Conference on , 6-9 Jan. 2003
Pages:10 pp.

[Abstract] [PDF Full-Text (295 KB)] IEEE CNF

13 **Proxy-assisted techniques for delivering continuous multimedia streams**
Lixin Gao; Zhi-Li Zhang; Towsley, D.;
Networking, IEEE/ACM Transactions on , Volume: 11 , Issue: 6 , Dec. 2003
Pages:884 - 894

[Abstract] [PDF Full-Text (575 KB)] IEEE JNL

14 **Optimal proxy cache allocation for efficient streaming media distribution**
Bing Wang; Sen, S.; Adler, M.; Towsley, D.;
Multimedia, IEEE Transactions on , Volume: 6 , Issue: 2 , April 2004
Pages:366 - 374

[Abstract] [PDF Full-Text (312 KB)] IEEE JNL

15 **Dynamic scheduling techniques for interactive hypermedia servers**
Hamidzadeh, B.; Tsun-Ping, J.;
Consumer Electronics, IEEE Transactions on , Volume: 45 , Issue: 1 , Feb. 1999
Pages:46 - 56

[Abstract] [PDF Full-Text (908 KB)] IEEE JNL

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32 33 34 Next

Copyright © 2004 IEEE — All rights reserved

Google Web Images Groups News Froogle Local[New!] more »
multimedia streaming server strip Search Advanced Search Preferences

Web Results **1** - **10** of about **99,000** for **multimedia streaming server strip**. (**0.20** seconds)

Software Download: Live **Streaming**
... It also supports **multimedia streaming** and and RTSP (Real Time **Streaming** ... To playback the recorded voice from the **server** the embedded voice **streaming** ...
www.sharewareconnection.com/titles/live-**streaming**.htm - 86k -
Cached - Similar pages

Fall 96 CS 294-3 Projects
... The project will involve the development of a Web **Server** which handles queries ... The plug-in will allow a user to control the **stream** delivered to the ...
bmrc.berkeley.edu/courseware/cs294-3/fall96/projects/ - 15k -
Cached - Similar pages

[PDF] Retrieving **Multimedia** Objects From Hierarchical Storage Systems
File Format: PDF/Adobe Acrobat - View as HTML
... displayed, the **stream** checks to see if the next data **strip** has been ... **multimedia servers**," IEEE MCS (1996) 598-607. Maximum system throughput ...
storageconference.org/2001/2001CD/p03tse.pdf - Similar pages

Multimedia: QT4 Primer: Part 2
... you also have some nice download options for saving your favorite **multimedia** clips. ... You can see how HTTP **streaming** works for yourself by visiting ...
www.storyphoto.com/**multimedia**/ qt_primer/qt_primer2_2.html - 12k -
Cached - Similar pages

[PDF] ICMCS'97: Weighted Striping in **Multimedia Servers**
File Format: PDF/Adobe Acrobat
... timedia **server**, the number of **streams** that all-way uni-. form striping ... **multimedia servers** use all-way striping over all the mag-. netic disks. ...
doi.ieeecomputersociety.org/10.1109/MMCS.1997.609580 - Similar pages

Download Recordings
... movies into VDOLive format for **streaming** video and set up a Web **server** to ... If you need an introduction to **streaming multimedia**, this one isn't bad! ...
www.downrecs.com/webv-rev.html - 23k - Cached - Similar pages

software : **multimedia** : video at directory of free stuff, freebies ...
... has support for almost every **multimedia** and subtitle format available. Unreal Media **Server** - Free **streaming** media **server**. **Streaming** AVI, WMV, MPEG, ...
www.prospector.cz/Software/Multimedia/Video/ - 22k - Mar 13, 2005 -
Cached - Similar pages

Secure Content Solutions, Network Security Specialists
... of content including content requiring authentication at origin **servers Streaming** Bandwidth Control: ... **Multimedia streaming** types supported include: ...
www.scs-ca.com/products/cache.asp - 27k - Cached - Similar pages

[PDF] Gamma: A Content-Adaptation **Server** for Wireless **Multimedia** ...
File Format: PDF/Adobe Acrobat - View as HTML
... the access latency of a **multimedia** object. When video/audio **streaming** is en- ... transcoded object is cached on a **streaming server**, and the wireless ...

Sponsored Links

Streaming Media Provider
ArcoStream provides **streaming** media services for companies big & small.
www.arcostream.com

Streaming Server
Article in PC Magazine
Read it online. Free Trial!
www.KeepMedia.com

Streaming Media Provider
Audio & Video **Streaming** Host
Stats, Live & On-Demand, Free Trial
netrostreaming.com

Multimedia Server
Merchants compete for your business
Compare instant bottom-line prices!
www.pricegrabber.com

www1.bell-labs.com/user/mbuddhikot/ IOTAProject/gamma.wcmc.4.1.pdf - Similar pages

Web Radio Book - Glossary
... MP3), prior to distribution on the Web by a suitable **streaming server**. ... same time slot every day - in a **strip** across a 5 or 7 day weekly schedule. ...
www.web-radio-book.com/glossary.html - 25k - Cached - Similar pages

Gooooooooooogle ▶
Result Page: 1 2 3 4 5 6 7 8 9 10 Next

Free! Google Desktop Search: Search your own computer. Download now.
Find: emails - files - chats - web history - media - PDF

multimedia streaming server strip Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15	purg$3 same week same period and (multimedia or stream$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/15 21:48
L2	40	purg$3 same week same period and (multimedia or stream$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 21:49
L3	3207	purg$3 same time same period and (multimedia or stream$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 21:50
L4	2187	(purge or purging) same time same period and (multimedia or stream$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 21:50
L5	81	(purge or purging) same time same period and (multimedia or streaming)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 21:50
L6	10	(purge or purging) same time same period and ((multimedia or streaming) same server)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 22:02
L7	5	(purge or purging) same minute and ((multimedia or streaming) same server)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 21:55
L8	0	("20010034736").PN.	USPAT	OR	OFF	2005/03/15 22:03
L10	398	(purge or purging) near5 file	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 22:04
L11	54	(purge or purging) near5 file same server	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 22:04
L12	11	(purge or purging) near5 file same server same period	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 22:34
L13	1	TDMA same priorit$3 same streaming	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 22:43
L14	26	TDMA same priorit$3 and MPEG	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 22:43
S1	15328	709/226-247.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 13:15
S2	2	(application adj server) and (streaming adj server) and file same strip$4 and MPEG	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 13:16

S3	13	(streaming adj server) and file same strip$4 and MPEG	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 13:20
S4	0	stagging and strip$4 and MPEG	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 13:20
S5	1210	stag$5 and strip$4 and MPEG	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 13:20
S6	21	stag$5 near2 buffer and strip$4 and MPEG	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 13:56
S7	212	MPEG same file and streaming near3 server and ((application or content) near3 server)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 13:57
S8	134	MPEG same file and (streaming near3 server) and ((application or content) near3 server) and (format same client)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 13:57
S9	1	MPEG same file and (streaming near3 server) and ((application or content) near3 server) and (format same client near3 address)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 13:58
S10	21	MPEG same file and (streaming near3 server) and ((application or content) near3 server) and (format same client) and (client near5 address)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 14:01
S11	53	MPEG and transcoding and (streaming near3 server) and ((application or content) near3 server)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 14:10
S12	77	MPEG and transcoding and (proxy near3 server)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 14:10
S13	567	transcod$3 and video same frame same rate	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 15:31
S14	11	transcod$3 and video same frame same rate same display same duration	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 15:32
S15	193	video same frame same rate same display same duration	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 15:32
S16	21	convert$3 same video same frame same rate same display same duration	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 15:34

S17	132	video near5 frame and (convert$3) and (frame same display same duration) and (rate same frame) and (interval same duration)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:21
S18	170	streaming near2 server and (new near2 client)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:22
S19	54	S18 and purg$3	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:22
S20	53	S19 and algorithm	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:22
S21	1	S19 and (garbage near2 algorithm)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:23
S22	1	S19 and (garbage same algorithm)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:23
S23	32	S19 and (garbage near5 collection)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:28
S24	32	S23 and algorithm	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:24
S25	32	S24 and ((application or content) near5 server)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:25
S26	1	S25 and ((buffer and sufficient or enough) near5 space)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:25
S27	3	(purg$3 same space) and (garbage same collection same algorithm)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:35
S28	17	purg$3 and (garbage same collection same algorithm)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:33
S29	4	S28 and stream$3	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:33
S30	3118	(new near5 client) near5 server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:35
S31	536	(new adj client) near5 server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:35

S32	254	(new adj client) near2 server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:36
S33	7	(new adj client) near2 server same streaming	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:37
S34	2	(additional adj client) near2 server same streaming	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:36
S35	16	(new adj client) near5 server same streaming	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:38
S36	9	S35 not S33	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:37
S37	28	(new adj client) same server same streaming	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:38
S38	19	S37 not S36	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:44
S39	13	purg$3 and garbage near5 collect$3 near5 algorithm	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:46
S40	2	S39 and stream$3	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:45
S41	14	purg$3 and garbage near8 algorithm	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:47
S42	9	S41 and (stream$3 or media)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 17:50
S43	6	purg$3 same stream$3 near3 server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 18:02
S44	39	sufficient near5 space same garbage	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 18:03
S45	24	S44 and (media or stream$3)	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 18:20
S46	18	(transfer adj rate) same proxy same server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 18:22
S47	6	(forward$3 near5 rate) same proxy same server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 18:24

S48	24	(send$3 same rate same receiv$3) same proxy same server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 18:26
S49	21	(send$3 same rate same receiv$3 same greater) and proxy same server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 18:57
S50	12	maximum near5 client near5 request and proxy near2 server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 18:58
S51	138	maximum near5 client and proxy near2 server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 18:58
S52	30	maximum near5 client near5 number and proxy near2 server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:00
S53	12	maximum near5 client near5 request and proxy near2 server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:01
S54	104	maximum near5 client near5 request and server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:02
S55	73	maximum near5 client near5 request same server	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:03
S56	0	maximum near5 client near5 request same thresold	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:03
S57	68	maximum near5 client near5 request same number	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:03
S58	50	maximum near5 client near5 request near5 number	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:05
S59	37	S58 and media	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:03
S60	3	maximum near5 client near5 request same predetermined near5 number	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:06
S61	242	client near5 request same predetermined near5 number	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:06
S62	62	client near5 request near5 predetermined near5 number	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:06
S63	42	S62 and media	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:07

S64	7	S62 and multimedia	US-PGPUB ; USPAT; EPO; JPO	OR	ON	2005/03/15 19:10
S65	0	client near2 requests near5 thresold	US-PGPUB ; USPAT; EPO; JPO	OR	OFF	2005/03/15 19:11
S66	0	client near2 requests same thresold	US-PGPUB ; USPAT; EPO; JPO	OR	OFF	2005/03/15 21:42
S67	161	client near2 requests same threshold	US-PGPUB ; USPAT; EPO; JPO	OR	OFF	2005/03/15 19:11
S68	25	client near2 requests near5 threshold	US-PGPUB ; USPAT; EPO; JPO	OR	OFF	2005/03/15 19:12
S69	71594	S68 and video or mpeg or multimedia	US-PGPUB ; USPAT; EPO; JPO	OR	OFF	2005/03/15 19:12
S70	10	S68 and (video or mpeg or multimedia)	US-PGPUB ; USPAT; EPO; JPO	OR	OFF	2005/03/15 19:12